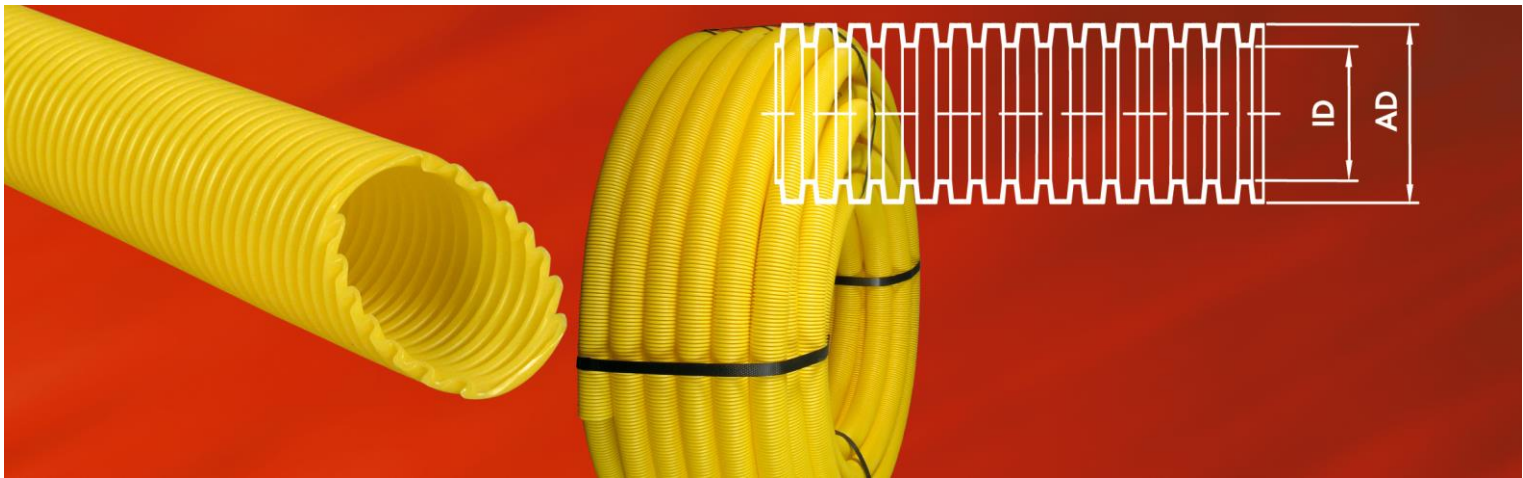


Protection Pipe KIWA-GAS

Corrugated pipe - PE - yellow



Application area:

Hose to be applied in building services engineering to protect gas pipes made of multilayer pipe systems for gas.

Material:

Polyethylene, free of halogen, not flame-retardant

Chemical resistance:

PE is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PE.

Physical properties

Raw material:

Elastic modulus [MPa]	DIN ISO 527-1/-2	>1000
Impact strength [kJ/m ²]	DIN ISO 179-1eU	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	>22
Elongation at break [%]	DIN ISO 527-1/-2	>300
Volume resistivity [Ω cm]	DIN IEC 60093	<10 ¹⁶
Surface resistivity [Ω]	DIN IEC 60093	<10 ¹³

Tube:

Working temperature (permanent)	[°C]	-15 up to +70
Working temperature (short term)	[°C]	+120

Classification / standards:

Gastec QA 198	76601
Impact strength	250g from 1m at 0°C
Compression test	200 N

Art.No.	Diameter NW [mm]	Outer Ø [mm]	Inner Ø [mm]	Delivery unit [m]*	Packing unit [m]
516G50	16	21,2 (-0,6)	16,8 (+/-0,4)	50	2.800
201019G50	19	24,2 (-0,7)	19,0 (+0,6/-0,1)	50	2.500
520G50	20	25,1 (-0,8)	20,7 (+/-0,4)	50	2.500
523G50	23	28,5 (-0,8)	23,0 (+0,7/-0,1)	50	2.000
529G50	29	35,0 (-1,0)	28,5 (+0,9/-0,1)	50	1.400
540G50	40	40,5 (-0,8)	32,6 (+/-0,4)	50	350
536G25	36	43,0 (-1,1)	36,6 (+/-0,7)	25	600

Subject to modifications and amendments! / April 2020